

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|--|---|------------------|---------|---------------------|
| L1    | 2036 | 73/105.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/12/30<br>07:37 |
| L2    | 1    | 1 and (base near4<br>frame) and (probe<br>near4 holder) and<br>(sample near4<br>mount) and<br>((reaction near4<br>chamber) ablating) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/12/30<br>07:38 |
| L3    | 154  | ((scanning near4<br>probe) near4<br>microscope) and<br>((reaction near4<br>chamber) ablating)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/12/30<br>07:39 |
| L4    | 138  | ((scanning near4<br>probe) near4<br>microscope) and<br>((reaction near4<br>chamber) ablating<br>near4 (device<br>chamber)))          | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/12/30<br>07:40 |
| L5    | 11   | 4 and (chamber<br>near6 (close or<br>closure or door or<br>cover))   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/12/30<br>07:40 |
| L6    | 1    | 5 and (base near4<br>frame) and (probe<br>near4 holder) and<br>(sample near4<br>mount)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/12/30<br>07:40 |

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| L7  | 9665 | (ablat\$3 near4<br>(device chamber))   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/12/30<br>07:42 |
| L8  | 7931 | L7 and (clos\$3 or<br>door or cover or seal<br>or plate or hatch or<br>opening or port)                                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/12/30<br>07:42 |
| L9  | 230  | L8 and microscope<br>and probe   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/12/30<br>07:42 |
| L10 | 16   | ((scanning near4<br>probe) near4<br>microscope) and L9   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/12/30<br>07:42 |
| S1  | 2009 | 73/105.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/21<br>23:36 |
| S2  | 1    | S1 and (base near4<br>frame) and (probe<br>near4 holder) and<br>(sample near4<br>mount) and<br>(reaction near4<br>chamber) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/21<br>23:48 |
| S3  | 1    | S1 and base and<br>frame and (probe<br>near4 holder) and<br>(sample near4<br>mount) and<br>(reaction near4<br>chamber)     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/21<br>23:48 |
| S4  | 1    | S1 and base and<br>frame and (sample<br>near4 mount) and<br>(reaction near4<br>chamber)                                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/21<br>23:52 |

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| S5  | 1   | S1 and (sample near4 mount) and (reaction near4 chamber)               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/21<br>23:53 |
| S6  | 5   | S1 and (reaction near4 chamber)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/22<br>00:19 |
| S7  | 1   | S6 and probe and (measurement near4 position)                          | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/22<br>00:19 |
| S8  | 116 | ((scanning near4 probe) near4 microscope) and (reaction near4 chamber) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/22<br>01:32 |
| S9  | 94  | S8 and sample and probe  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/22<br>01:33 |
| S10 | 7   | S9 and (chamber near6 (close or closure or door or cover))             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/22<br>01:34 |
| S12 | 1   | S10 and (preparation near4 position)                                   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/22<br>01:44 |
| S13 | 2   | S10 and (measurement near4 position)                                   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/22<br>01:45 |

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| S14 | 94   | S9 and (reaction near4 chamber)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/22<br>01:54 |
| S15 | 9    | S9 and (chamber near6 (close or closure or door or cover or seal or closing))  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/22<br>01:54 |
| S16 | 2    | US-20010052257-\$.<br>DID.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/22<br>02:20 |
| S17 | 6308 | microscope and (reaction near4 chamber)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/22<br>02:25 |
| S18 | 38   | S17 and ("XY plane")   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/22<br>02:25 |
| S20 | 25   | S18 and probe  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/22<br>02:34 |
| S21 | 4    | S20 and (chamber near6 (close or closure or door or cover or seal or closing)) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/22<br>02:35 |
| S22 | 2    | US-20010052257-\$.<br>DID.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/23<br>14:29 |

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| S23 | 0    | S22 and (reaction near4 chamber)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/23<br>14:29 |
| S24 | 0    | S22 and chamber  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/23<br>14:29 |
| S25 | 1    | microscopy and (reaction near4 chamber)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/23<br>15:42 |
| S26 | 0    | microscopy and base and frame and (probe near4 holder) and (sample near4 mount) and (reaction near4 chamber) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/23<br>16:41 |
| S27 | 1    | microscopy and base and frame and (probe near4 holder) and (sample near4 mount) and (reaction near4 chamber) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/23<br>16:41 |
| S28 | 3813 | microscopy and (reaction near4 chamber)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/23<br>16:41 |
| S29 | 6    | S28 and frame and (probe near4 holder)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/23<br>16:42 |
| S30 | 116  | ((scanning near4 probe) near4 microscope) and (reaction near4 chamber)                                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/23<br>17:13 |

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| S31 | 10  | S30 and base and frame                                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/23<br>17:22 |
| S32 | 3   | S31 and (chamber near6 (clos\$3 or door or cover or seal)) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/23<br>17:44 |
| S33 | 770 | S28 and (chamber near6 (clos\$3 or door or cover or seal)) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/23<br>17:48 |
| S34 | 193 | S33 and base and frame                                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/23<br>17:50 |
| S35 | 1   | S34 and probe and (sample near4 mount)                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/23<br>17:51 |
| S36 | 138 | S34 and probe and stage                                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/23<br>17:51 |
| S37 | 3   | S36 and ("xy plane")                                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/23<br>17:59 |
| S38 | 493 | S33 and plasma   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/23<br>18:28 |

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| S39 | 493  | S38 and (chamber near6 (clos\$3 or door or cover or seal))          | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/23<br>18:29 |
| S40 | 1    | S39 and ("xy plane")  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/23<br>18:29 |
| S41 | 493  | S38 and (chamber near6 (clos\$3 or door or cover or seal or plate)) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/23<br>18:30 |
| S42 | 2    | S41 and (measuring near4 table)                                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/23<br>18:32 |
| S43 | 6308 | microscope and (reaction near4 chamber)                             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/23<br>18:33 |
| S44 | 671  | S43 and probe and base and frame                                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/23<br>18:33 |
| S45 | 248  | S44 and (chamber near6 (clos\$3 or door or cover or seal or plate)) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/23<br>18:34 |
| S46 | 2    | S45 and (measuring near4 table)                                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/23<br>18:35 |

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| S47 | 128  | S45 and plasma   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/23<br>18:35 |
| S48 | 8214 | (ablat\$3 near4<br>device)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/23<br>18:58 |
| S49 | 1217 | S48 and plasma   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/23<br>18:58 |
| S50 | 1145 | S49 and (clos\$3 or<br>door or cover or seal<br>or plate or hatch or<br>opening or port) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/23<br>18:59 |
| S51 | 140  | S50 and microscope   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/23<br>18:59 |
| S52 | 67   | S51 and probe  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/23<br>18:59 |
| S53 | 23   | S52 and base and<br>frame  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/23<br>19:00 |
| S54 | 1    | S51 and (reaction<br>near4 chamber)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/23<br>19:01 |



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| S55 | 42   | S50 and (reaction near4 chamber)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/23<br>19:01 |
| S56 | 1    | S52 and (reaction near4 chamber)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/23<br>19:02 |
| S57 | 9179 | (ablat\$3 near4 (device chamber))   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/23<br>19:03 |
| S58 | 7512 | S57 and (clos\$3 or door or cover or seal or plate or hatch or opening or port) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/23<br>19:03 |
| S59 | 216  | S58 and microscope and probe  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/23<br>19:03 |
| S60 | 16   | ((scanning near4 probe) near4 microscope) and S59                               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/23<br>19:03 |
| S61 | 2009 | 73/105.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/25<br>09:50 |
| S62 | 472  | S61 and movement and actuator   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/25<br>09:51 |

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| S63 | 234  | S62 and (piezoelectric near4 actuator)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/25<br>09:51 |
| S64 | 60   | S63 and base and frame  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/25<br>09:51 |
| S65 | 11   | S64 and plasma  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/25<br>09:52 |
| S66 | 1    | S65 and (reaction near4 chamber)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/25<br>10:58 |
| S67 | 9186 | (ablat\$3 near4 (device chamber))   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/25<br>14:12 |
| S68 | 7513 | S67 and (clos\$3 or door or cover or seal or plate or hatch or opening or port) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/25<br>14:12 |
| S69 | 216  | S68 and microscope and probe  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/25<br>14:12 |
| S70 | 16   | ((scanning near4 probe) near4 microscope) and S69                               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/25<br>14:12 |

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| S71 | 7    | S70 and plasma   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/25<br>14:12 |
| S72 | 2    | ("5021672"  <br>"5851475").PN.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2010/07/25<br>14:29 |
| S73 | 9186 | (ablat\$3 near4<br>(device chamber))   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/25<br>15:39 |
| S74 | 7513 | S73 and (clos\$3 or<br>door or cover or seal<br>or plate or hatch or<br>opening or port) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/25<br>15:39 |
| S75 | 216  | S74 and microscope<br>and probe  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/25<br>15:39 |
| S76 | 16   | ((scanning near4<br>probe) near4<br>microscope) and<br>S75                               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/25<br>15:39 |
| S77 | 7    | S76 and plasma   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/25<br>15:39 |
| S78 | 4    | S77 and movement<br>and actuator   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/25<br>15:39 |

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| S79 | 5392 | ((reaction near4 chamber) or (ablation near4 device) or (etching near4 device)) and plasma and (plasma near6 inductive) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/25<br>16:01 |
| S80 | 651  | S79 and inlet and outlet  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/25<br>16:01 |
| S81 | 49   | S80 and (flat near4 coil)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/25<br>16:02 |
| S82 | 6    | S81 and electrode and (opposite near4 polarity)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/25<br>16:03 |
| S83 | 9186 | (ablat\$3 near4 (device chamber))   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/25<br>20:00 |
| S84 | 7513 | S83 and (clos\$3 or door or cover or seal or plate or hatch or opening or port)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/25<br>20:00 |
| S85 | 216  | S84 and microscope and probe  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/25<br>20:00 |
| S86 | 16   | ((scanning near4 probe) near4 microscope) and S85   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/25<br>20:00 |

|     |   |                   |   |    |    |                     |
|-----|---|-------------------|---|----|----|---------------------|
| S87 | 7 | S86 and plasma    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/25<br>20:00 |
| S88 | 0 | S87 and conductor | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/25<br>20:00 |

**EAST Search History (Interference)**

| Ref # | Hits | Search Query   | DBs                      | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--------------------------|------------------|---------|------------------|
| L11   | 1757 | 73/105.ccls.   | US-PGPUB;<br>USPAT; UPAD | OR               | ON      | 2010/12/30 07:50 |
| L12   | 1    | 11 and (base<br>near4 frame)<br>and (probe<br>near4 holder)<br>and (sample<br>near4 mount) | US-PGPUB;<br>USPAT; UPAD | OR               | ON      | 2010/12/30 07:50 |

**12/ 30/ 2010 7:51:36 AM**

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 \ ScanningProbeMicroscope10598045.wsp**